



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Timmermans et al.

Serial No.: 10/700,380

Filed: November 3, 2003

For: METHOD FOR QUANTIFYING A
RATIO BETWEEN AT LEAST TWO
NUCLEIC ACID SEQUENCES

Confirmation No.: 9902

Examiner: C. Babic

Group Art Unit: 1637

Attorney Docket No.: 2183-5581.1US

NOTICE OF EXPRESS MAILING

Express Mail Mailing Label Number: EV826306378US

Date of Deposit with USPS: November 20, 2006

Person making Deposit: Brett Hooke

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO/SB/08 be considered by the Examiner and made of record. Copies of any cited foreign patents, publications, or pending unpublished U.S. applications are enclosed pursuant to 37 C.F.R. § 1.98(a)(2).

Other Documents

BOOM et al., "Rapid and Simple Method for Purification of Nucleic Acids," Journal of Clinical Microbiology, March 1990, pp. 495-503, Vol. 28, No. 3.

CRAWFORD et al., "Multiplex standardized RT-PCR for expression analysis of many genes in small samples," Biochemical and Biophysical Research Communications, 2002, pp. 509-516, Vol. 293.

DE BAAR et al., "Single Rapid Real-Time Monitored Isothermal RNA Amplification Assay for Quantification of Human Immunodeficiency Virus Type 1 Isolates from Groups M, N, and O," Journal of Clinical Microbiology, April 2001, pp. 1378-1384, Vol. 39, No. 4.

HEID et al., "Real time quantitative PCR," Genome Research, 1996, pp. 986-994, Vol. 6. Abstract.

JOTHIKUMAR et al., "Rapid Detection of Escherichia coli O157:H7 with Multiplex Real-Time PCR Assays," Applied and Environmental Microbiology, June 2002, pp. 3169-3171, Vol. 68, No. 6.

LEE et al., "Simultaneous detection of three mosquito-borne encephalitis viruses (eastern equine, La Crosse, and St. Louis) with a single-tube multiplex reverse transcriptase polymerase chain reaction assay," J Am Mosq Control Assoc, March 2002, pp. 26-31, Vol. 18, No. 1. Abstract.

LOITSCH et al., "Reverse Transcription-Competitive Multiplex PCR Improves Quantification of mRNA in Clinical Samples--Application to the Low Abundance CFTR mRNA," Clinical Chemistry, 1999, pp. 619-624, Vol. 45, No. 5.

MOUTOU et al., "Multiplex PCR combining deltaF508 mutation and intragenic microsatellites of the CFTR gene for pre-implantation genetic diagnosis (PGD) of cystic fibrosis," European Journal of Human Genetics, 2002, pp. 231-238, Vol. 10.

PIATAK et al., "Quantitative competitive polymerase chain reaction for accurate quantitation of HIV DNA and RNA species," Biotechniques, January 1993, pp. 70-81, Vol. 14, No. 1. Abstract.

RICHTZENHAIN et al., "A multiplex PCR for the detection of Brucella spp. and Leptospira spp. DNA from aborted bovine fetuses," Vet Microbiol, 20 June 2002, pp. 139-147, Vol. 87, No. 2. Abstract.

SAIKI et al., "Primer-Directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase," Science, 29 January 1988, pp. 487-491, Vol. 239, No. 4839.

TYAGI et al., "Molecular beacons: probes that fluoresce upon hybridization," Nature Biotechnology, March 1996, pp. 303-308, Vol. 14, No. 3. Abstract.

VAN DEURSEN et al., "A novel quantitative multiplex NASBA method: application to measuring tissue factor and CD14 mRNA levels in human monocytes," Nucleic Acids Research, 1999, pp. e15i-e15v, Vol. 27, No. 17.

VAN GEMEN et al., "A one-tube quantitative HIV-1 RNA NASBA nucleic acid amplification assay using electrochemiluminescent (ECL) labelled probes," J Virol Methods, September 1994, pp. 157-167, Vol. 49, No. 2. Abstract.

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, Applicants hereby identify the following listed copending applications naming a common inventor(s):

Attorney Docket No.: 2183-4760.1US
Serial No.: 10/751,260
Filed: 1/2/2004
Title: REDUCING BACKGROUND IN HYBRIDIZATION REACTIONS

Attorney Docket No.: 2183-5426.1US
Serial No.: 10/915,953
Filed: 8/10/2004
Title: UNIVERSAL NUCLEIC ACID AMPLIFICATION SYSTEM FOR NUCLEIC ACIDS IN A SAMPLE

Attorney Docket No.: 2183-5189.1US
Serial No.: 11/058,105
Filed: 2/15/2005
Title: TESTING ENDOSYMBIONT CELLULAR ORGANELLES AND COMPOUNDS IDENTIFIABLE THEREWITH

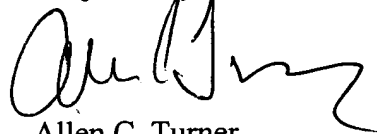
Serial No.: 10/700,380

Attorney Docket No.: 2183-7641US
Serial No.: 11/321,735
Filed: 12/29/2005
Title: HMG COENZYME A REDUCTASE INHIBITORS AFFECT THE
MITOCHONDRIAL DNA CONTENT OF CELLS

This Supplemental Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits.

The fee pursuant to 37 C.F.R. § 1.17(p) is enclosed.

Respectfully submitted,

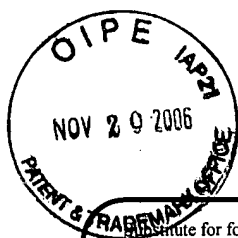


Allen C. Turner
Registration No. 33,041
Attorney for Applicants
TRASKBRITT, P.C.
P.O. Box 2550
Salt Lake City, Utah 84110-2550
Telephone: 801-532-1922

Date: November 17, 2006
ACT/alb

Enclosures: Form PTO/SB/08
Cited Non-U.S. Patent Documents
Check in the amount of \$180.00

Document in ProLaw



PTO/SB/08B(10-03)

Approved for use through 7/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/700,380
Filing Date	November 3, 2003
First Named Inventor	Timmermans et al.
Group Art Unit	1637
Examiner Name	C. Babic
Attorney Docket Number	2183-5581 LUS

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BOOM et al., "Rapid and Simple Method for Purification of Nucleic Acids," Journal of Clinical Microbiology, March 1990, pp. 495-503, Vol. 28, No. 3.	
		CRAWFORD et al., "Multiplex standardized RT-PCR for expression analysis of many genes in small samples," Biochemical and Biophysical Research Communications, 2002, pp. 509-516, Vol. 293.	
		DE BAAR et al., "Single Rapid Real-Time Monitored Isothermal RNA Amplification Assay for Quantification of Human Immunodeficiency Virus Type 1 Isolates from Groups M, N, and O," Journal of Clinical Microbiology, April 2001, pp. 1378-1384, Vol. 39, No. 4.	
		HEID et al., "Real time quantitative PCR," Genome Research, 1996, pp. 986-994, Vol. 6. Abstract.	
		JOTHIKUMAR et al., "Rapid Detection of Escherichia coli O157:H7 with Multiplex Real-Time PCR Assays," Applied and Environmental Microbiology, June 2002, pp. 3169-3171, Vol. 68, No. 6.	
		LEE et al., "Simultaneous detection of three mosquito-borne encephalitis viruses (eastern equine, La Crosse, and St. Louis) with a single-tube multiplex reverse transcriptase polymerase chain reaction assay," J Am Mosq Control Assoc, March 2002, pp. 26-31, Vol. 18, No. 1. Abstract.	
		LOITSCH et al., "Reverse Transcription-Competitive Multiplex PCR Improves Quantification of mRNA in Clinical Samples--Application to the Low Abundance CFTR mRNA," Clinical Chemistry, 1999, pp. 619-624, Vol. 45, No. 5.	
		MOUTOU et al., "Multiplex PCR combining deltaF508 mutation and intragenic microsatellites of the CFTR gene for pre-implantation genetic diagnosis (PGD) of cystic fibrosis," European Journal of Human Genetics, 2002, pp. 231-238, Vol. 10.	
		PIATAK et al., "Quantitative competitive polymerase chain reaction for accurate quantitation of HIV DNA and RNA species," Biotechniques, January 1993, pp. 70-81, Vol. 14, No. 1. Abstract.	
		RICHTZENHAIN et al., "A multiplex PCR for the detection of Brucella spp. and Leptospira spp. DNA from aborted bovine fetuses," Vet Microbiol, 20 June 2002, pp. 139-147, Vol. 87, No. 2. Abstract.	
		SAIKI et al., "Primer-Directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase," Science, 29 January 1988, pp. 487-491, Vol. 239, No. 4839.	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***(use as many sheets as necessary)*

Sheet

2

of

2

Complete if Known

Application Number	10/700,380
Filing Date	November 3, 2003
First Named Inventor	Timmermans et al.
Group Art Unit	1637
Examiner Name	C. Babic
Attorney Docket Number	2183-5581 IUIS

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		TYAGI et al., "Molecular beacons: probes that fluoresce upon hybridization," Nature Biotechnology, March 1996, pp. 303-308, Vol. 14, No. 3. Abstract.	
		VAN DEURSEN et al., "A novel quantitative multiplex NASBA method: application to measuring tissue factor and CD14 mRNA levels in human monocytes," Nucleic Acids Research, 1999, pp. e15i-e15v, Vol. 27, No. 17.	
		VAN GEMEN et al., "A one-tube quantitative HIV-1 RNA NASBA nucleic acid amplification assay using electrochemiluminescent (ECL) labelled probes," J Virol Methods, September 1994, pp. 157-167, Vol. 49, No. 2. Abstract.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.